

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	20	"5417700"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/07/22 09:13
S2	14	("1822330"   "2336689"   "3513848"   "3608095"   "3608539"   "4050100"   "4265246"   "4312337"   "4369787"   "4583540"   "4590929"   "4635638"   "4935027"   "4957498").PN.	USPAT	OR	OFF	2002/07/22 08:42
S3	108	"4957498".URPN.	USPAT	OR	OFF	2002/07/22 08:47
S4	83	("0984756"   "1037864"   "1131163"   "1155378"   "1293565"   "1293660"   "1449087"   "1876792"   "2213830"   "2601564"   "2716615"   "2880728"   "3073311"   "3090386"   "3349772"   "3470875"   "3664345"   "3714671"   "3807407"   "3842840"   "3901244"   "3946740"   "4021896"   "4034850"   "4038988"   "4109658"   "4161951"   "4164225"   "4182341"   "4236470"   "4266552"   "4345601"   "4373530"   "4471781"   "4491135"   "4549545"   "4580567"   "4621640"   "4635638"   "4823794"   "4826487"   "4827931"   "4834713"   "4890615"   "4898155"   "4917089"   "4923461"   "4935027"   "4957498"   "4983176"   "5059201"   "5100042"   "5123528"   "5171257"   "5181919"   "5188636"   "5207693"   "5217471"   "5219359"   "5224948"   "5242458"   "5254126"   "5259846"   "5261917"   "5281220"   "5284488"   "5300082"   "5306290"   "5336191"   "5344061"   "5366480"   "5389103"   "5433727"   "5454823"   "5474057"   "5478344"   "5478345"   "5480406"   "5571090"   "5618270"   "5632751"   "5632752"   "5645552").PN.	USPAT	OR	OFF	2002/07/22 08:56

S5	754	606/139.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/07/22 10:23
S6	825	606/151.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/07/22 10:26
S7	362	606/153.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/07/22 09:51
S8	301	606/157.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/07/22 10:23
S9	201	606/151.ccls. and gripping	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/07/22 10:56
S10	36	606/151.ccls. and gripping and shaft and rod	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/07/22 10:59
S11	13	606/151.ccls. and gripping and shaft and rod and cap	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/07/23 15:42

S12	1	606/159.ccls. and gripping and shaft and rod and (cap same distal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/07/23 16:04
S13	33	606/159.ccls. and gripping and shaft	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/07/23 16:04
S14	1166739	606/151,153,157,159.ccls. and heart valve leaflets	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/01/11 12:27
S15	2289	606/151,153,157,159.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/01/11 12:28
S16	37	606/151,153,157,159.ccls. and(heart adj valve or heart adj leaflet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/07 12:57
S17	2	"6165183".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/01/11 12:45
S18	9	("5042707"   "5209756"   "5417700"   "5423858"   "5478353"   "5713910"   "5797927"   "5810847"   "5947363").PN.	USPAT	OR	OFF	2003/01/11 12:45
S19	1	"6165183".URPN.	USPAT	OR	OFF	2003/01/11 12:48

S20	4	kuehn-stephen.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/29 16:56
S21	0	kuehn-stephen.IN. and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/07 13:01
S22	2	"6165183".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/07 13:02
S23	9	("5042707"   "5209756"   "5417700"   "5423858"   "5478353"   "5713910"   "5797927"   "5810847"   "5947363").PN.	USPAT	OR	OFF	2003/05/07 13:05
S24	2	"6165183".URPN.	USPAT	OR	OFF	2003/05/07 13:11
S25	11	("5423882"   "5450860"   "5478309"   "5522873"   "5824065"   "5827237"   "5833671"   "5879307"   "5885271"   "6019722"   "6165183").PN.	USPAT	OR	OFF	2003/05/07 13:13
S26	1	"6312447".URPN.	USPAT	OR	OFF	2003/05/07 13:18
S27	404	(ring near4 tube or tubular) and 606/151.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/20 17:01
S28	1	(ring with (applicator or tube or tubular) same (spring with lock)and 606/151.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/20 18:07

S29	9	("5042707"   "5209756"   "5417700"   "5423858"   "5478353"   "5713910"   "5797927"   "5810847"   "5947363").PN.	USPAT	OR	OFF	2003/05/20 17:06
S30	2	"6165183".URPN.	USPAT	OR	OFF	2003/05/20 17:14
S31	19	(ring with (applicator or tube or tubular) same (spring) and 606/151.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/20 18:44
S32	16	(shaft or tube or sheath with cap)same (gripper with rod) and ("606"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/20 19:11
S33	0	(shaft or tube or sheath with cap near4 pivot)same (gripper near4 arms with rod) and ("606"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/20 19:14
S34	0	(gripper with arms with pivot) same (cap with pivot with tube or shaft)and ("606"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/20 19:18
S35	0	gripper with arms)same(cap with pivot)and("606"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/20 19:19
S36	0	gripper with arms)same(cap near4 pivot)and("606"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/20 19:20

S37	0	gripper with arms)same(cap near4 pivot)and("606"/\$. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/20 19:20
S38	0	gripper with arms)same(cap near4 pivot)and("606"/\$. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/20 19:21
S39	0	gripper with arms)same(cap adj4 pivot)and("606"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/20 19:22
S40	0	gripper with arms)same(cap adj4 pivot)and("606"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/20 19:22
S41	54	gripper with arms)and("606"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/20 19:32
S42	51	cap with pivot)and("606"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/20 19:33
S43	0	(gripper with arms)same (cap with pivot) and (606/157- 158,213,215-217,220-221.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/21 11:40

S44	0	(gripper with arms)same(cap with pivot) and (606/157-158,213,215-217,220-221.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/21 11:41
S45	0	(gripper with arms)and(cap with pivot) and (606/157-158,213,215-217,220-221.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/21 11:41
S46	0	((gripper with arms)and(cap with pivot) and (606/157-158,213,215-217,220-221.ccls.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/21 11:43
S47	14	(gripper with arms)and (606/157,158,213,215,216,217,220,221.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/21 12:23
S48	4	"3874388".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/21 12:24
S49	9	("2493326"   "2799273"   "3334629"   "3397699"   "3540431"   "3574865"   "3592184"   "3671979"   "3675639").PN.	USPAT	OR	OFF	2003/05/21 12:25
S50	137	"3874388".URPN.	USPAT	OR	OFF	2003/05/21 12:45
S51	2	"6503274".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/21 17:20

S52	2	"6368348".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/21 17:23
S53	2	"6419696".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/21 17:25
S54	2	"6217610".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/21 17:27
S55	2	"5888240".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/21 17:29
S56	2	"6217610".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/21 17:29
S57	2	"6406493".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/21 17:29
S58	8	hinnenkamp-thomas-f.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/27 09:46



S59	19	("3828787"   "3860005"   "4655218"   "4679556"   "4683883"   "4755181"   "4865600"   "4932965"   "5041130"   "5236450"   "5350420"   "5370685"   "5403305"   "5443502"   "5476510"   "5480425"   "5578076"   "5735894"   "5824068").PN.	USPAT	OR	OFF	2004/10/27 09:39
S60	2	"5578076".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/27 09:47
S65	2	"5578076".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/29 10:47
S66	11	hinnenkamp-thomas-f.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/29 17:03
S67	15	holmberg-william-r.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/29 17:06
S68	8	shepherd-terry-l.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/29 17:07
S69	2	"6695866".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/30 07:06

S70	2	"6165183".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/30 07:06
S71	27	("3671979"   "3874388"   "5042707"   "5181919"   "5209756"   "5403326"   "5417700"   "5423858"   "5425738"   "5478353"   "5496310"   "5549122"   "5609598"   "5702048"   "5713910"   "5797927"   "5810847"   "5855614"   "5891162"   "5947363"   "5954731"   "5957936"   "5976164"   "6017358"   "6086600"   "6120513"   "6269819").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/30 07:12
S72	1	("6695866").URPN.	USPAT	OR	OFF	2005/06/30 07:26
S73	3	(leaflet adj fastener with arms) and (pivot) and (gripping) and (tissue)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/30 07:29
S74	71	(fastener with arms) and (pivot) and (gripping) and (tissue)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/30 07:44
S75	11	S74 and heart	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/30 07:29
S76	59	(shaft or tube) and (cap) and (arms) and (gripper) and (rod or wire)and (tissue)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/30 07:46

S77	5	S76 and (spike) and (pivot)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/30 07:47
S78	94	( "0002182"   "0415175"   "0715612"   "0816026"   "1200594"   "1452373"   "1906527"   "1933317"   "2254620"   "2356376"   "2668538"   "2811971"   "2910067"   "3110899"   "3150379"   "3203220"   "3205757"   "3378010"   "3526257"   "3618447"   "3631707"   "3716058"   "4052988"   "4064881"   "4162678"   "4164225"   "4256251"   "4345600"   "4399810"   "4406392"   "4448194"   "4451254"   "4493322"   "4506669"   "4506819"   "4523591"   "4523695"   "4526173"   "4527725"   "4527726"   "4535772"   "4569469"   "4591086"   "4595007"   "4605002"   "4610251"   "4612923"   "4688560"   "4712550"   "4744365"   "4753636"   "4815468"   "4832026"   "4834098"   "4841960"   "4858603"   "4865032"   "4869242"   "4873976"   "4874122"   "4887756"   "4895148"   "4898186"   "4899745"   "4924866"   "4944742"   "4973211"   "4976686"   "5004469"   "5007921"   "5026374"   "5047047"   "5156609"   "5158566").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/30 07:56
S79	2	"5578076".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/28 18:16
S80	2	"5578076".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 11:33

S81	2	"5578076".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 11:26
S82	16	("4605002"   "4655218"   "5453086"   "5578076"   "5618307"   "5732872"   "6019790"   "6695866").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 11:27
S83	10	("1982209"   "2626608"   "3265069"   "3916908"   "4106508"   "4226240"   "4345600").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/16 12:53
S84	0	(pointed with member) same (arms) same (pivot) same (grip\$3) and (heart)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 12:55
S85	24	(pointed with member) and (arms) and (pivot) and (grip \$3) and (heart)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 12:56
S86	10	S85 and @pd<"19980715"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 13:08
S87	0	(cap) same (slide\$3 with gripper) same (arms with spike) and (heart)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 13:10
S88	0	(cap) and (slide\$3 with gripper) and (arms with spike) and (heart)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 13:10

S89	4	"3916908".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 10:17
S90	2	"5601572".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 10:56
S91	5	"694293".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 10:59
S92	13	kuehn with stephen.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 11:01
S93	8	shepherd with terry.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 11:03
S94	20	holmberg with william.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 11:10

S95	14	(arms or arm) same (taper\$3 with protrusion) and (heart)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 11:25
S96	0	(arms) and (blind with taper\$3) and (arms with pivot with grip\$4) and (heart)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 16:02
S97	2	(arms) and (blind with taper\$3) and (arms with pivot with grip\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 16:02
S98	25	("0358016"   "0507817"   "0510897"   "1498488"   "1962814"   "2037834"   "2375081"   "2470327"   "2484043"   "2486851"   "4010532"   "4360136"   "5168616"   "5177848"   "6006410").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 16:11
S99	4	("6240614").URPN.	USPAT	OR	OFF	2007/03/26 16:41
S100	2	"5601572".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 09:13
S101	2	"6440120".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 09:13

S102	24	("2625934"   "3459175"   "3874388"   "4508535"   "4593690"   "4610661"   "4784639"   "4795446"   "5058934"   "5146925"   "5192286"   "5339809"   "5695519"   "5715818"   "5769816"   "5827324"   "5895399"   "5980503"   "6019753"   "6021816"   "6053932"   "6146400").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/27 09:15
S103	52	("5601572").URPN.	USPAT	OR	OFF	2007/03/27 09:16
S104	3	"2470327".PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/11 11:07
S105	2	"5601572".PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/11 11:07
S106	54	("5601572").URPN.	USPAT	OR	OFF	2007/09/11 11:59
S107	1	"6336934".PN.	USPAT	OR	OFF	2007/09/11 13:36
S108	1	"3044461".PN.	USPAT	OR	OFF	2007/09/11 16:08
S109	1	"5707359".pn.	USPAT	OR	OFF	2007/09/11 16:09
S110	26	("2470327"   "3916908"   "4605002"   "4655218"   "5453086"   "5578076"   "5601572"   "5618307"   "5732872"   "6019790"   "6695866").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/12 08:09
S111	5	("6019790").URPN.	USPAT	OR	OFF	2007/09/12 09:41

S112	0	(pointed with member) and (arms with protrusion) and (pivot) and (grip\$3) and (heart).clm.	US-PGPUB; USPAT	OR	OFF	2007/09/12 09:48
S113	0	(pointed with member) and (arms with tapered) and (pivot) and (grip\$3) and (heart).clm.	US-PGPUB; USPAT	OR	OFF	2007/09/12 09:49
S114	6	(pointed with member) and (arms) and (pivot) and (grip\$3) and (heart).clm.	US-PGPUB; USPAT	OR	OFF	2007/09/12 09:49
S115	3	"4038987".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/02 11:19
S116	2	"5423858".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/02 11:22
S117	3	("4038987").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/05 10:49

9/5/2008 11:51:41 AM

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